

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

RAIN BRINGS HARVESTING TO A HALT

Widespread rain throughout the state brought harvesting to a halt, according to the Minnesota Agricultural Statistics Service. Precipitation in some areas in the southeastern portion of the state amounted to over one inch. The wet and cool weather has also slowed crop maturity. However, the rain has given farmers time to prepare their equipment. When dry, sunny weather returns, full-scale harvest will resume.

Corn in or past the dent stage is 95% as of Sunday, September 23rd, compared with 99% last year and 97% for the 5-year average. Corn is 30% mature, compared with 87% last year and 59% for the 5-year average. Corn harvest has started with less than 1% complete, versus 5% last year and 4% for the 5-year average. The corn silage harvest is at 71% complete, versus last year's 93% and 71% for the 5-year average. Corn condition is rated 36% good to excellent, up 1 percentage point from last week's rating.

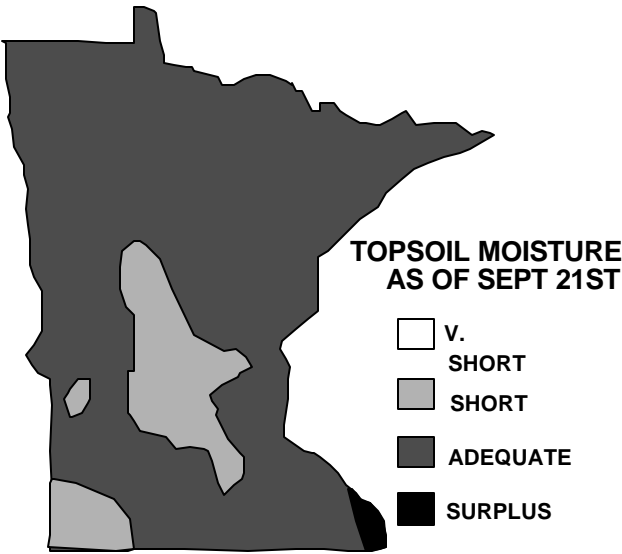
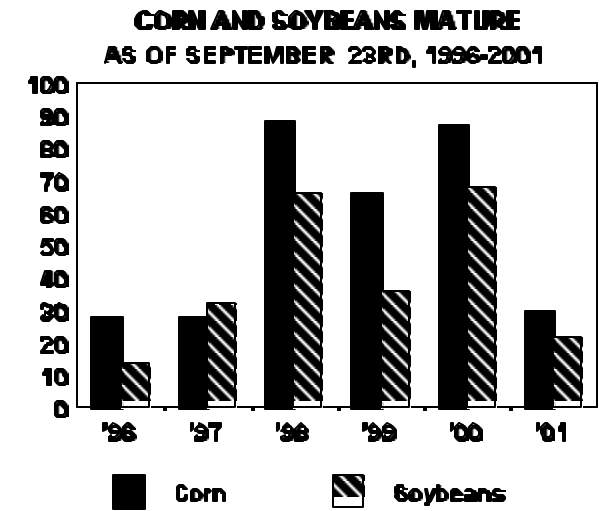
Soybeans are dropping leaves on 71% of the acreage versus 91% last year and 77% for the 5-year average. Soybeans are 22% mature, compared with 68% last year and 43% for the 5-year average. Soybean harvest started before the rains last week and is 1% completed, compared to 30% last year and 13% for the 5-year average. The soybean condition rating of good to excellent is 46%, the same as last week's rating.

The rain has helped to improve pasture conditions. Pasture conditions are rated as 37% good to excellent, up from 28% last week.

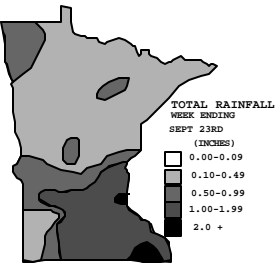
Processors' sweet corn harvest is wrapping up with 94% harvested, compared to last year's 98% and the 5-year average at 95%.

Days Suitable for Fieldwork: 4.3					
		Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)		2	26	68	4
Crop Progress as of September 23, 2001					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Dent	97	99	90	95
	Mature	59	87	12	30
	Harvested	4	5	NA	0
Soybeans	Silage Cut	71	93	50	71
	Dropping Leaves	77	91	34	71
	Mature	43	68	6	22
Winter Wheat	Harvested	13	30	NA	1
	Seeded (for 2002)	87	90	85	87
	Rye	84	87	78	89
Sweet Corn	Harvested	95	98	88	94
Dry Beans	Harvested	59	46	34	55
Canola	Harvested	NA	98	80	89
Potatoes	Harvested	40	50	21	37
Grain/Hay	Stubble Worked	67	75	58	65
Sunflowers	Harvested	3	1	NA	0
Sugarbeets	Harvested	8	11	3	5
Crop Condition as of September 21 st					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	6	19	38	34	3
Corn	4	13	47	34	2
Soybeans	4	13	37	42	4
Dry Beans	4	21	34	37	4
Potatoes	2	4	30	46	18
Sunflowers	1	4	23	54	18
Sugarbeets	7	9	32	40	12

Statewide topsoil moisture conditions as of September 21st were rated 2% very short, 26% short, 68% adequate, and 4% surplus.



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 23, 2001:
Temperatures averaged from 1.3 degrees below normal in the Central District to 1.9 degrees above normal in the Northwest District. Extremes: 30° in Intl. Falls and Hibbing; 74° in Pipestone. Precipitation averaged from 0.30 inch below normal in the Northeast District to 0.85 inch above normal in the Southeast District. Greatest weekly total was 2.60 inches.



Precipitation and Temperature Summary for 09/17/2001 through 09/23/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	72	36	57.6	2.7	.83	.30	.31	2.48	2173	122
Moorhead	71	35	55.4	-.6	.42	-.03	-.32	1.27	2218	46
Warroad	70	35	56.0	3.7	.30	-.29	2.47	10.61	1985	222
<u>NC DIST 2</u>										
Grand Rapids	70	32	53.1	.1	.73	-.03	-1.10	.75m	1846m	95m
Intl. Falls	70	30	52.2	.5	.38	-.35	-.86	6.06	1845	153
Itasca	67	39	53.8	1.2	.40	-.27	-.06	1.60	1964	168
<u>WC DIST 3</u>										
Duluth	67	37	53.0	.4	.48	-.40	-2.04	1.40	1732	116
Grand Marais	64	35	54.4	.9	.12	-.72	-1.52	4.74	1087	-210
Hibbing	70	30	50.2	-1.0	.95	.24	-1.32	-2.02	1749	171
<u>WC DIST 4</u>										
Alexandria	67	38	54.6	-1.7	.32	-.27	.63	-2.36m	2165	-9
Browns Valley	71	46	58.0	1.1	.94	.46	.24	4.03	2300	45
Canby	71	47	58.6	-.1	.57	-.04	1.26	4.99	2443	8
Fergus Falls	71	45	56.8	1.4	.39	-.15	2.03	5.20	2313	197
Montevideo	70	46	56.8	-1.0	1.61	1.00	1.11	4.32	2288	-23
Morris	71	47	57.3	1.2	.83	.30	4.11	7.91	2272	128
<u>CENT DIST 5</u>										
Becker	69	43	57.0	1.1	1.51	.75	.02	1.15	2320	261
Hutchinson	70	43	55.6	-2.6	1.58	1.05	1.16	1.24	2395	90
Olivia	57m	53m	55.0m	-3.7m	.02m	-.59m	.11m	-1.50m	2292m	-91m
St. Cloud	70	34	54.2	-1.5	.45	-.24	-.70	1.48	2165	120
Staples	65	39	54.3	-.1	.53	-.13	.53	6.13	2044	111
Willmar	69	46	57.0	-.8	.79	.11	.23	-1.21	2342	78
<u>EC DIST 6</u>										
Aitkin	65	40	52.0	-2.2	.41	-.30	-.50	1.69	2018	152
Cambridge	66m	57m	61.5m	5.3m	0m	-.78m	1.20m	4.72m	2090m	-29m
MSP Airport	70	41	57.8	-1.0	2.09	1.49	1.48	6.68	2516	114
St. Paul - UofM	71	45	58.8	-2.3	2.26	1.54	.43	4.52	2526	23
<u>SW DIST 7</u>										
Lamberton	72	46	58.2	-.2	1.76	1.04	1.58	6.48	2320	-13
Pipestone	74	42	58.2	1.2	.35	-.36	.36	3.69	2346	134
Redwood Falls	73	40	55.8	-4.1	.30	-.30	-.52	-2.40	2369	-111
Worthington	72	47	57.9	.3	.53	-.21	-1.40	1.33	2349	120
<u>SC DIST 8</u>										
Faribault	69	33	56.0	-2.3	1.29	.45	.66	4.18	2280	19
Waseca	62m	55m	58.5m	.5m	.06m	-.74m	.06m	4.02m	2283m	54m
Winnebago	73	47	58.0	-.4	1.52	.80	-.61	1.01	2333	39
<u>SE DIST 9</u>										
Preston	71	44	60.2	2.9	2.60	1.65	.92	1.79	2309	191
Red Wing	70	47	58.4	2.2	1.27	.35	-.84	-1.03	2338	287
Rochester	70	39	56.5	-1.2	2.40	1.61	2.31	9.92	2158	-21
Rosemount	71	45	58.0	.5	1.82	1.01	1.01	-.12m	2330	108
Winona	70	52	59.4	.5	1.22	.33	1.80	4.90	2371	84
m=some data missing										

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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